

GRAPHIC EQUALIZER

1070KE/KE-7090

SERVICE MANUAL

KENWOOD

© 1997-02/B51-5284-00 (K/K) 3855

Knob (POWER)
(K29-6430-08)

Badge
(B43-0302-04)

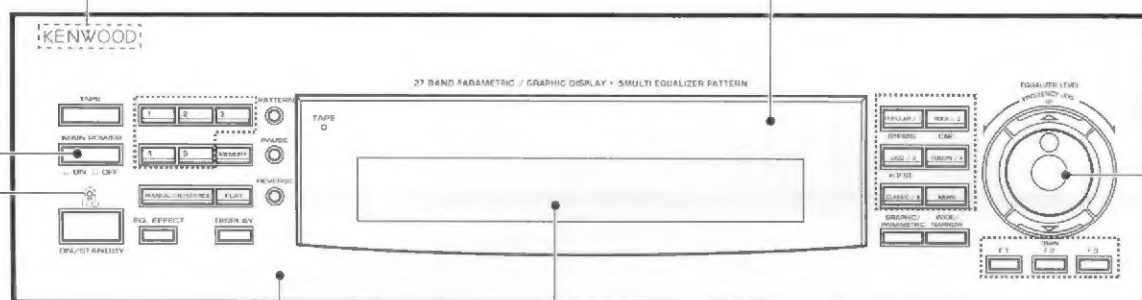
Window
(B10-2374-08)

Lens
(B19-1577-08)

Panel *
(A60-)

Filter
(B11-0353-08)

Knob (Shuttle)
(K29-6758-08)

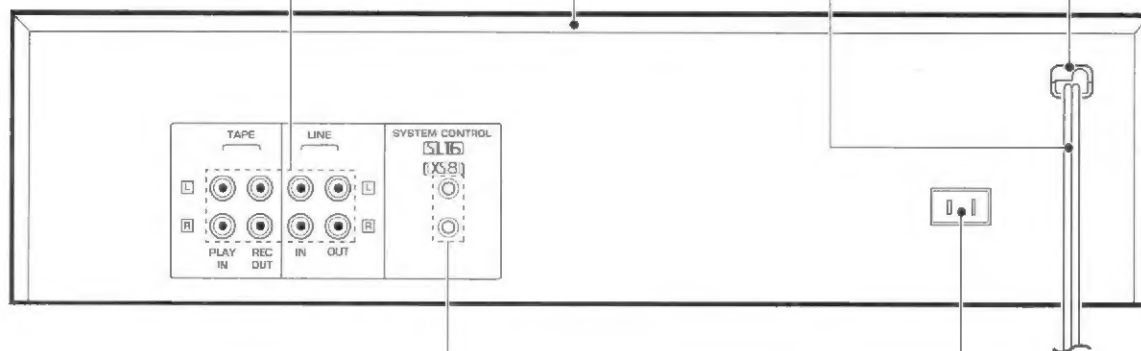


Ter (RCA 4PIN) x2
(E63-0186-08)

Cabinet
(A01-3479-08)

AC power cord *
(E30-)

Stopper
(J42-0200-08)



Jack (D3.5)
(E11-0188-05)

Socket (POWER RECEPTACLE) *
(E03-)

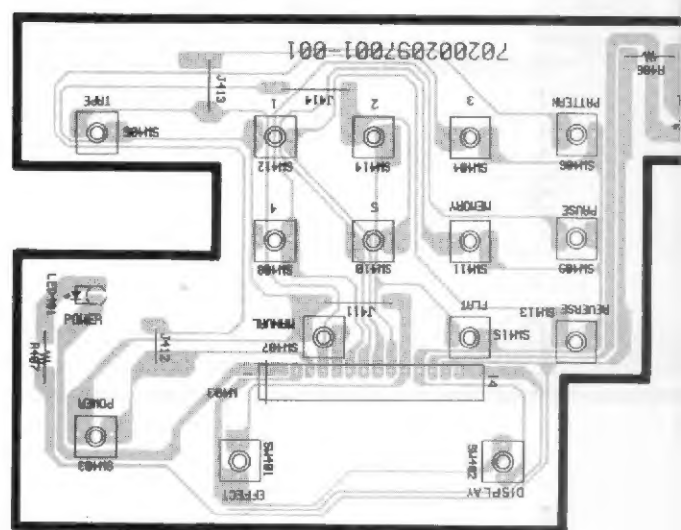
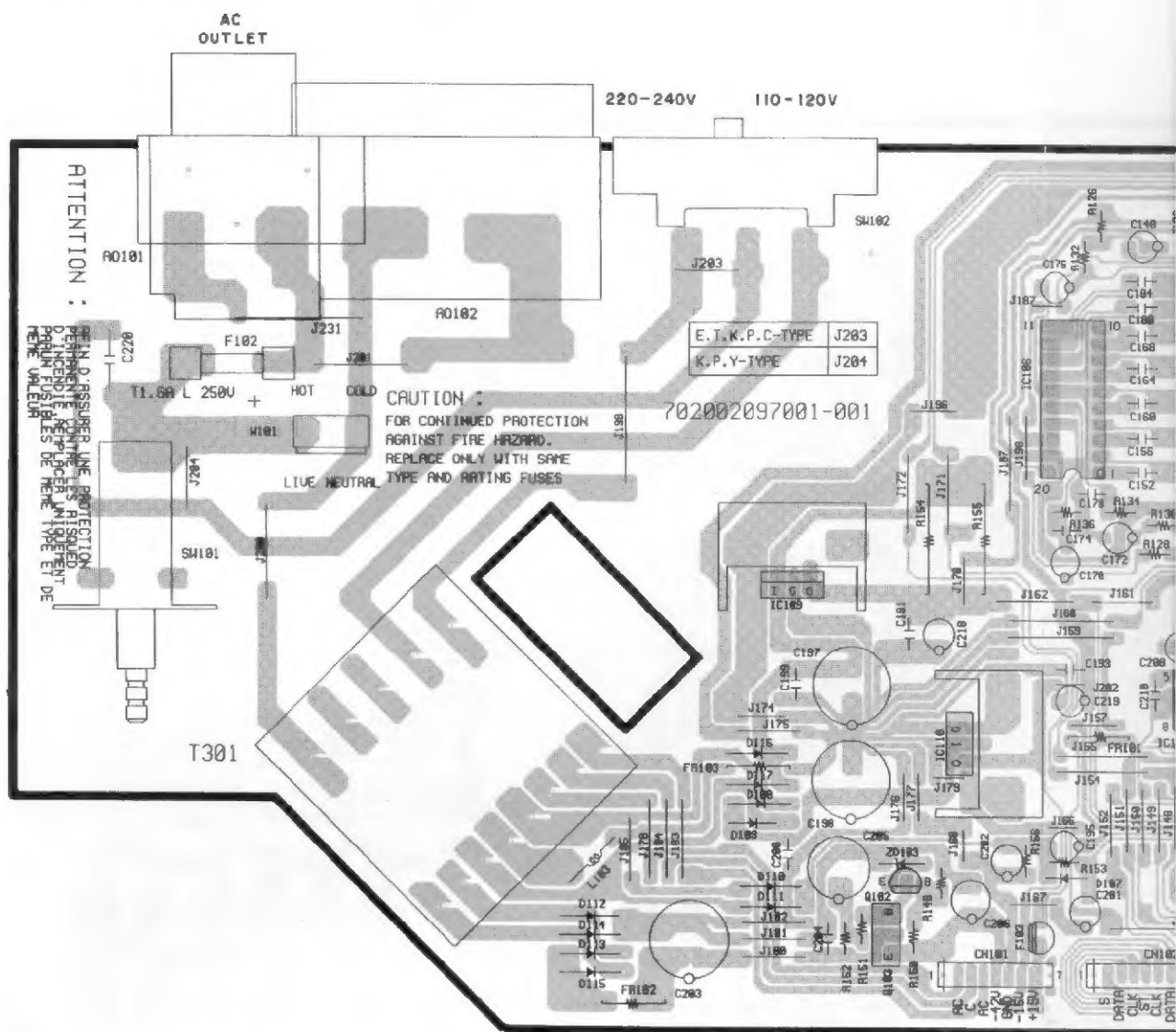
Illustration is KE-7090.

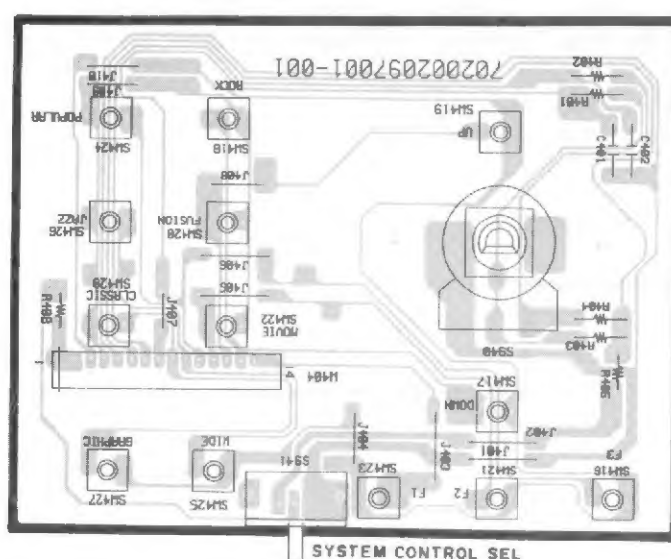
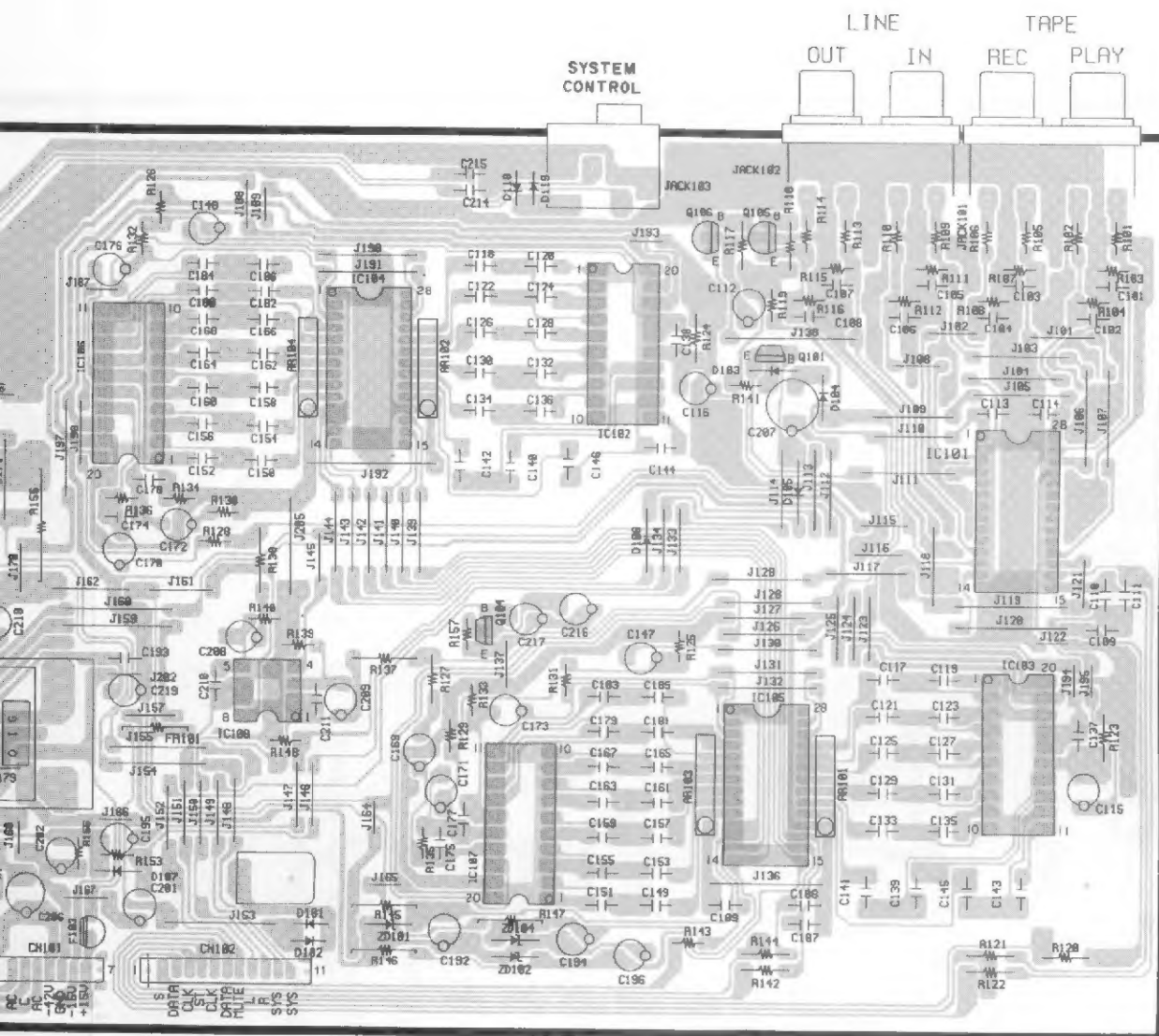
* Refer to parts list on page 18.

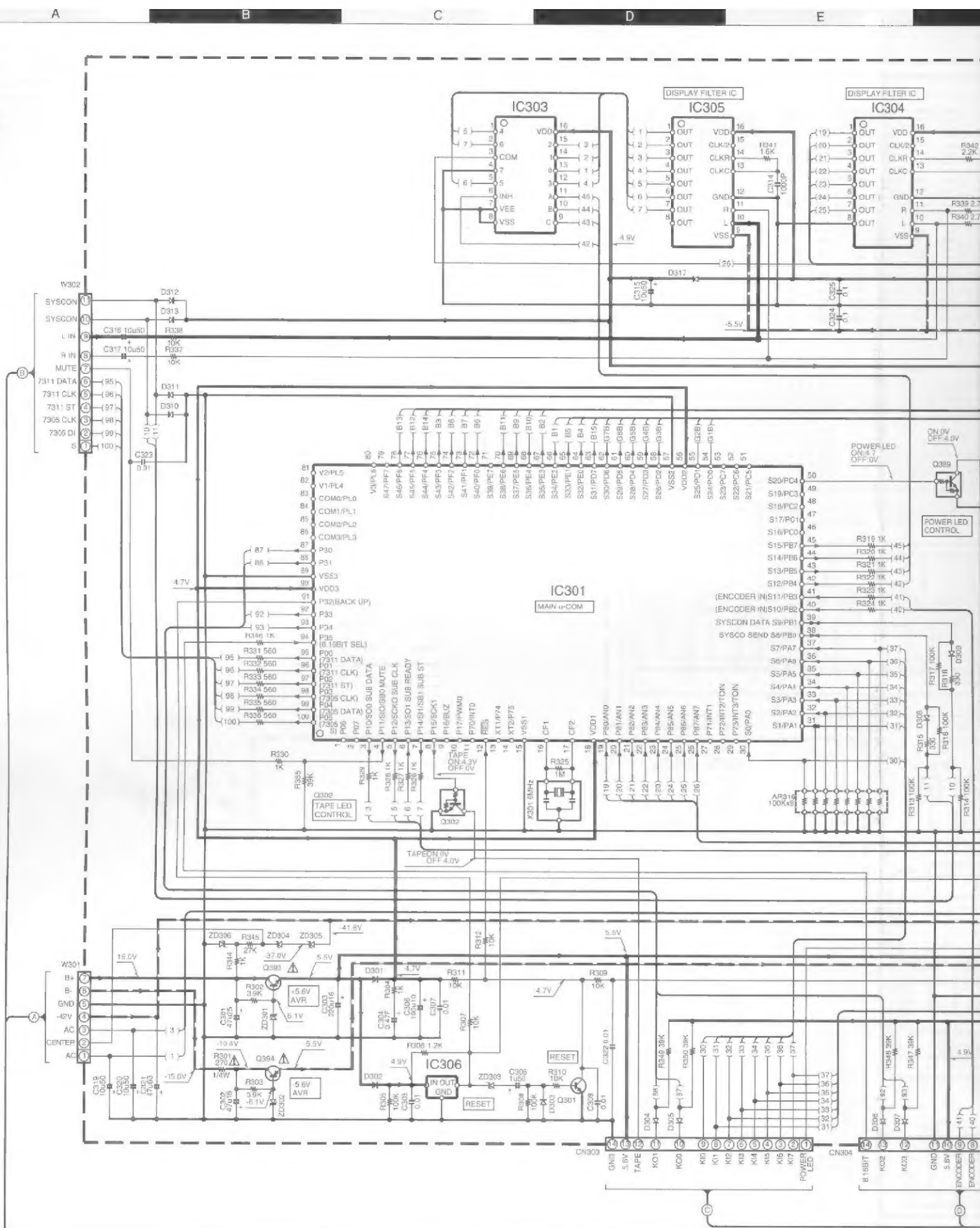
A B C D E

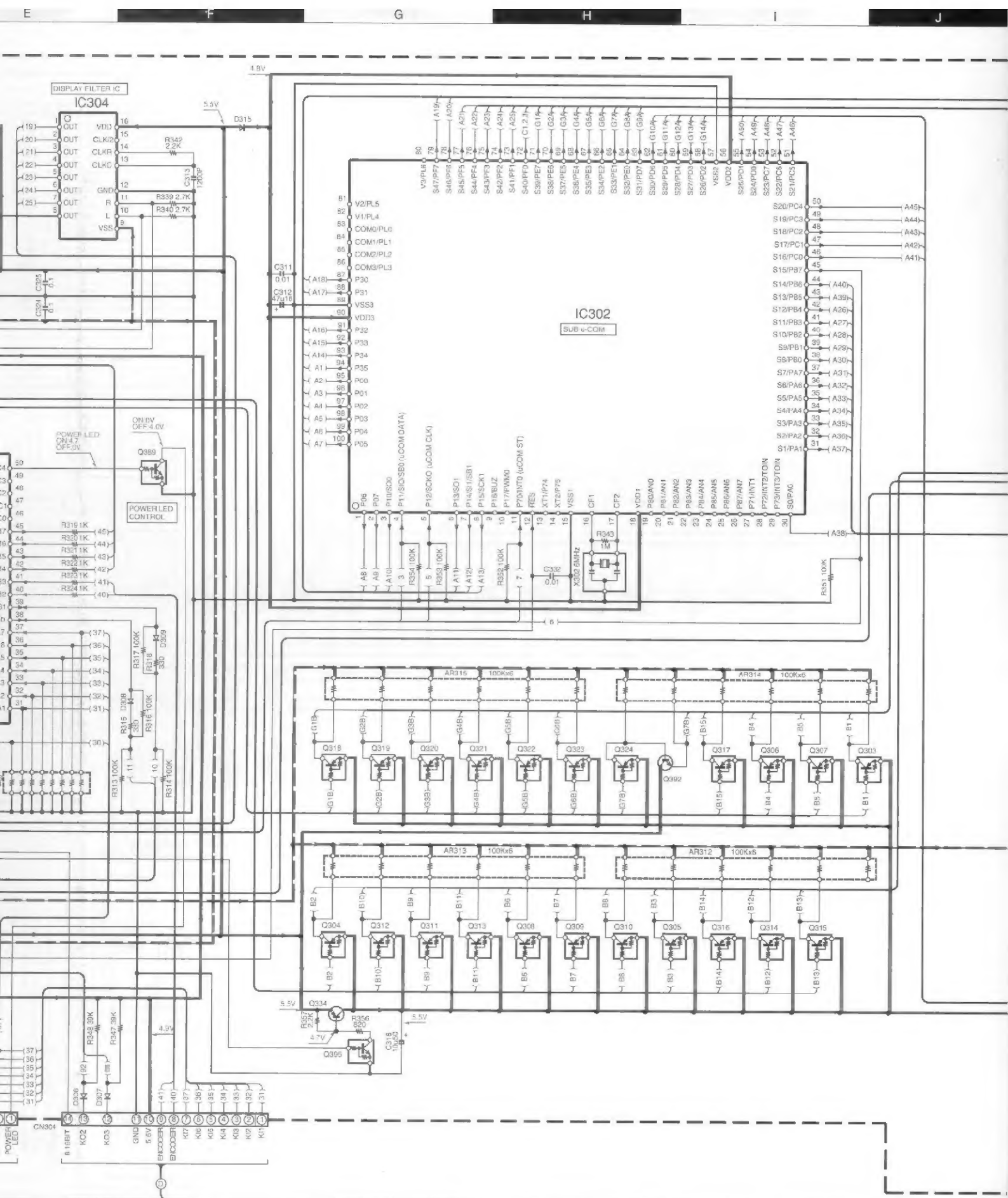


(PC BOARD(Component side view))









K

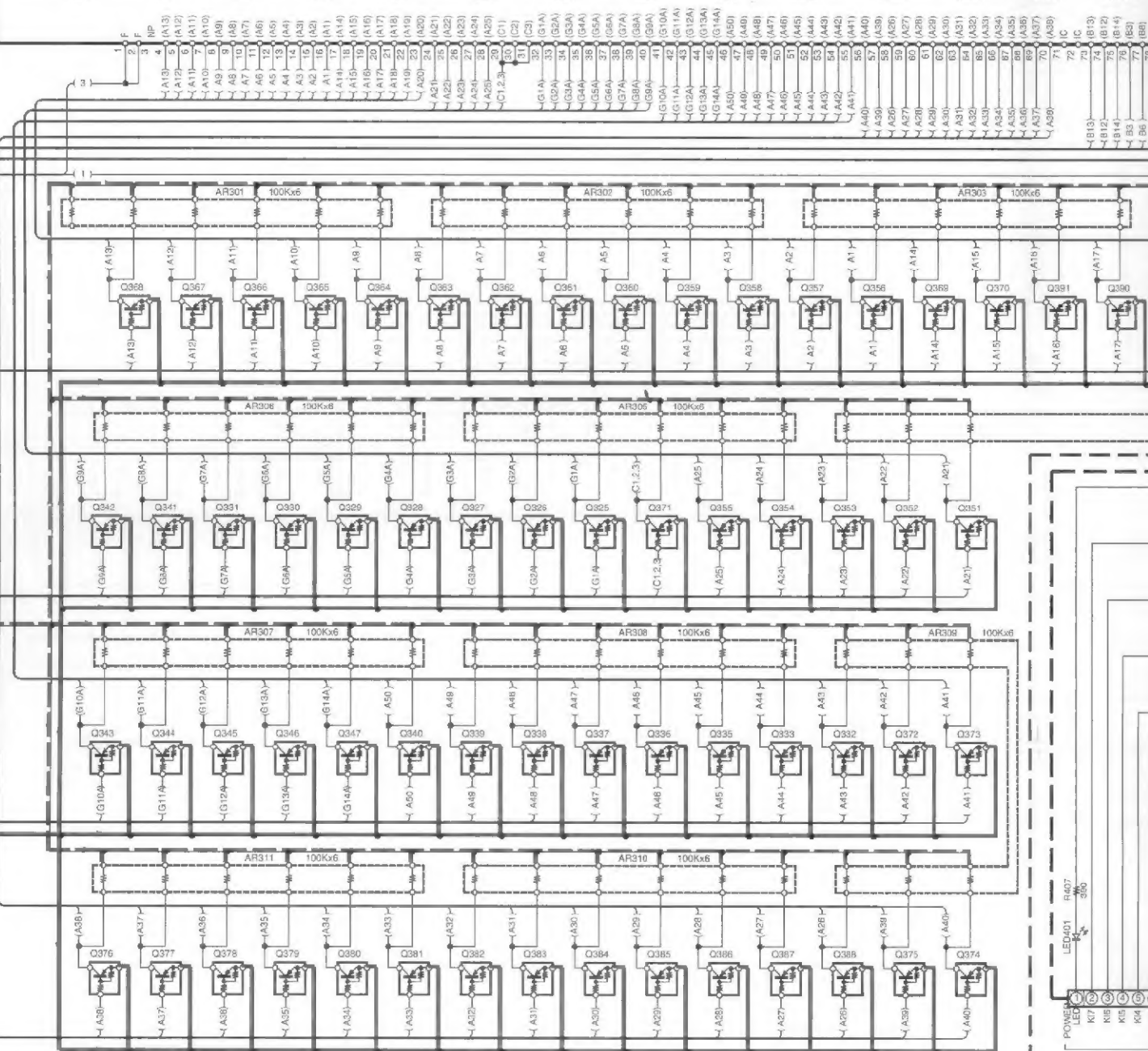
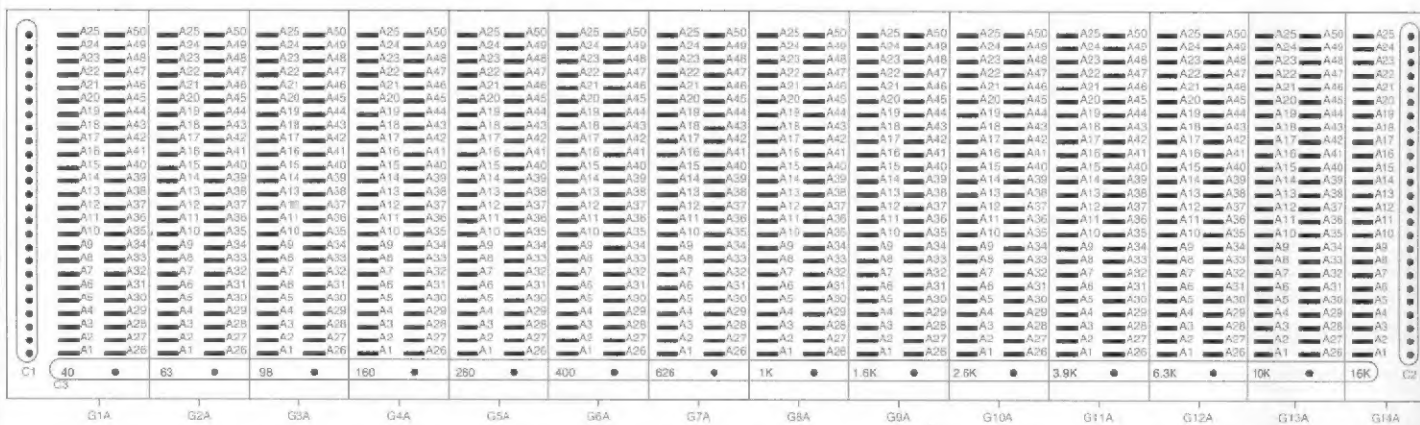
L

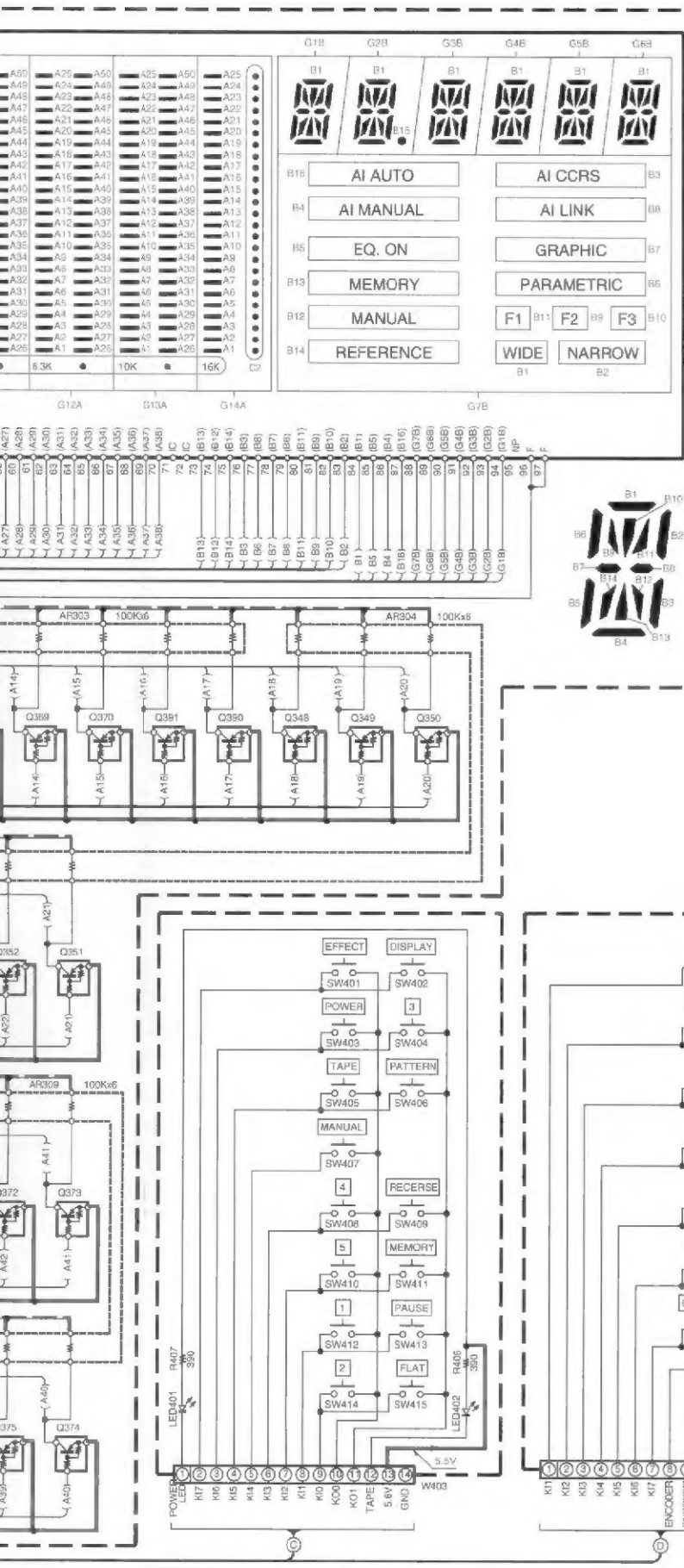
M

N

O

FLT301



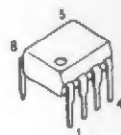


CAUTION: For continued safety, replace safety critical components only with manufacturer's recommended parts (refer to parts list). Δ indicates safety critical components. For continued protection against risk of fire, replace only with same type and rating fuse(s). To reduce the risk of electric shock, leakage-current or resistance measurements shall be carried out (exposed parts are acceptably insulated from the supply circuit) before the appliance is returned to the customer.

The DC voltage is an actual reading measured with a high impedance type voltmeter. The measurement value may vary depending on the measuring instruments used or on the product.

DTA124ES
DTC114ES
DTC124ES
2SA933S
2SC1740S

NJM4558DD



IC301 : LC867224A-5D35
IC302 : LC867224A-5D38
IC303 : TC4051BP
IC304,305 : XR1091
IC306 : KIA7039P

Q301 : 2SC1740S
Q302,389,395 : DTC114ES
Q303-333 : DTA124ES
Q334 : 2TA1271Y
Q335-385,390,391 : DTA124ES
Q392 : KTC3227Y
Q393 : KTD2056Y
Q394 : 2SA933S

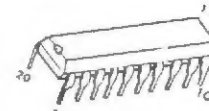
Q391-313,315,317

1S5131
ZD301,302 : MTZJ6.2B
ZD303 : MTZJ2.7B
ZD304,305 : MTZJ4.7B
ZD306 : MTZJ5.6B

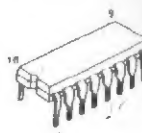
FLT301

FIP21BMW24
SIGNAL LINE
GND LINE
+B LINE
-B LINE

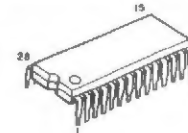
M5229P



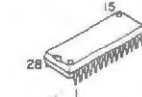
TC4051BP



NJU7305L



NJU7311AL

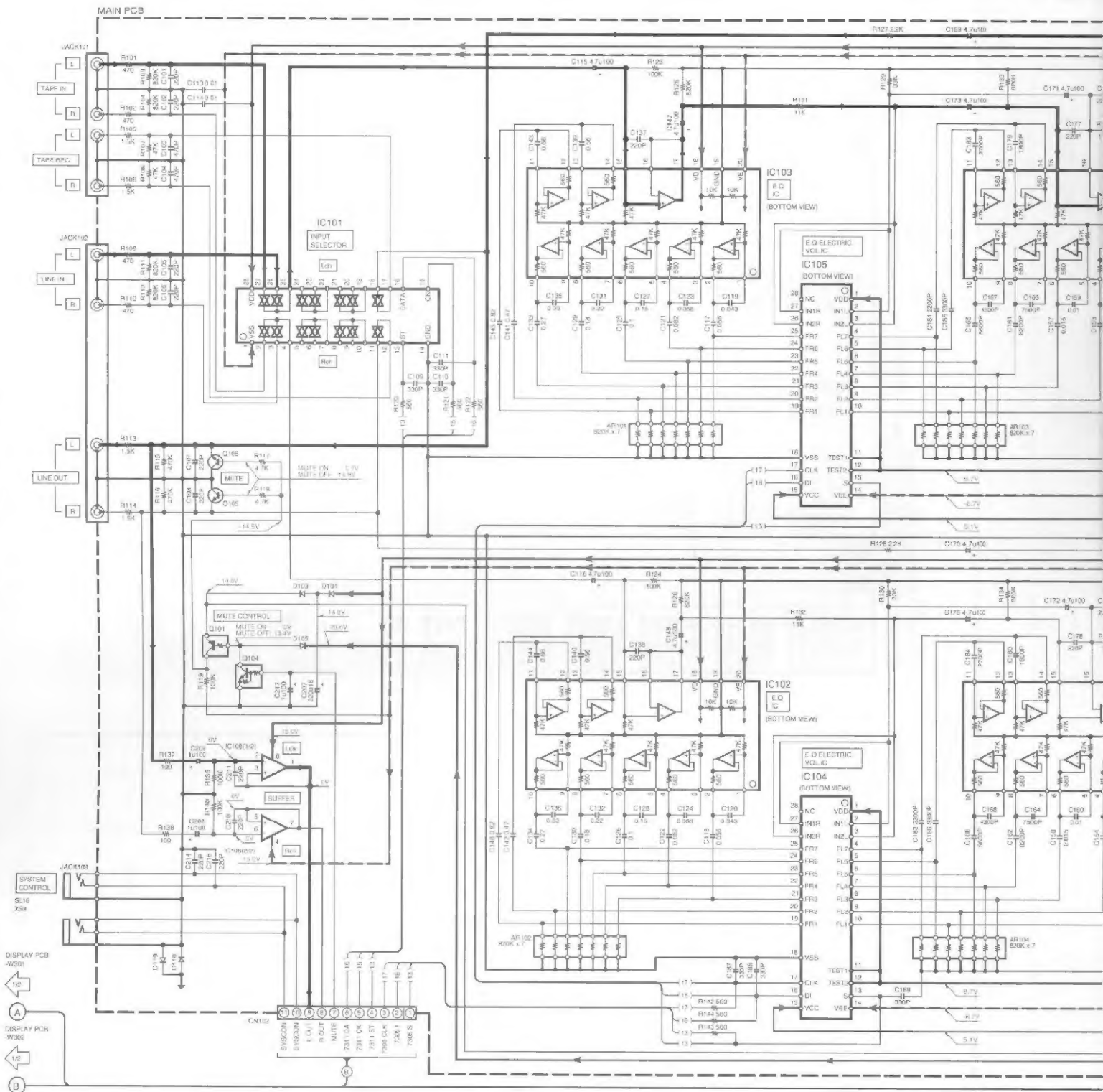


KE-7090(M) (1/2)

Y09-4560-10

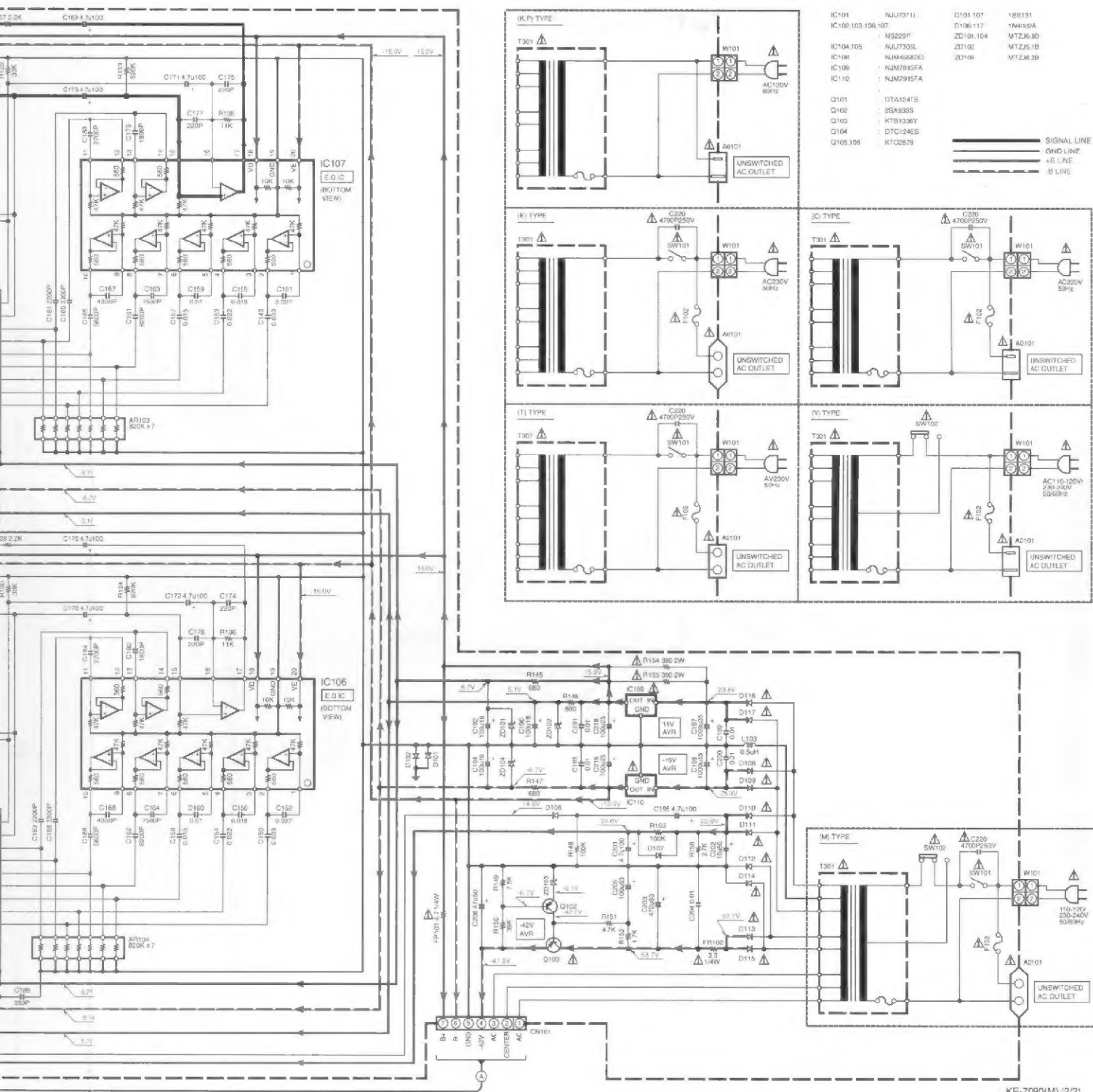
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Y09-4560-10

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SPECIFICATIONS

[Audio block]

Total harmonic distortion (at 1 kHz, Flat) 0.005%

Frequency response 10 Hz - 70 kHz, ± 3 dB

Signal to noise ratio (IHF '66) 108 dB

Graphic equalizer characteristics

Adjustment center frequencies 40 Hz, 63 Hz, 98 Hz,
160 Hz, 250 Hz, 400 Hz, 625 Hz, 1 kHz, 1.5 kHz, 2.5 kHz, 3.9
kHz, 6.3 kHz, 10 kHz, 16 kHz

Equalizer characteristic variable range ± 12 dB

Input impedance

Line 47 k Ω

Maximum output voltage (at 1% T.H.D.) 7 V

Output Impedance

Line 2.2 k Ω

[General]

AC outlets

For the U.S.A. and Canada

UNSWITCHED 1 (200W, 1.6A max.)

For other countries

UNSWITCHED 1 (200W max.)

Power consumption 18 W

Dimensions W: 440 mm (17-5/16")

H: 123 mm (4-7/8")

D: 371 mm (14-5/8")

Weight (net) 4.2 kg (9.3 lb)

Note :

We follow a policy of continuous advancements in development. For this reason specifications may be changed without notice.

Note:

Component and circuitry are subject to modification to insure best operation under differing local conditions. This manual is based on Europe (E) standard, and provides information on regional circuit modification through use of alternate schematic diagrams, and information on regional component variations through use of parts list.

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